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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/605,602	06/28/2000	Srivatsan Parthasarathy	MS146909.1	5788	
27195 7590 01/14/2004 AMIN & TUROCY, LLP 24TH FLOOR, NATIONAL CITY CENTER 1900 EAST NINTH STREET CLEVELAND, OH 44114			EXAM	EXAMINER	
			VAUGHAN, I	VAUGHAN, MICHAEL R	
			ART UNIT	PAPER NUMBER	
			2131	1.	
			DATE MAILED: 01/14/2004	, 9	

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time may be available under the provisions of 3 CPR 1.13(4), in no event, however, may a reply be timely filed  Extensions of the reply specified above is less than thirty (30) days, a reply whith the statutory minimum of thirty (30) days will be considered timely.  If the period for reply specified above is less than thirty (30) days, a reply whith the statutory minimum of thirty (30) days will be considered timely.  If No period for reply specified above is less than thirty (30) days, a reply whith the statutory minimum of thirty (30) days will be considered timely.  If No period for reply specified above is less than thirty (30) days, a reply whith the statutory minimum of thirty (30) days will be considered timely.  If No period for reply is specified above is less than thirty (30) days and the considered timely.  If No period for reply is specified above is less than thirty (30) days and the considered timely.  If No period for reply specified to see the advantage reply which the set of sealered provides any search and the communication.  A part of the state of the provided and the communication of the provided and the communication is finance and the provided and	,		Pll					
## Deficiency   Examiner   Art Unit   2131  ## A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  ## Examiner of time might be available under the positions of 37 CFR 1.136(a). In one went, however, may a neply be timely titled.  ## Examiner of time might be available under the positions of 37 CFR 1.136(a). In one went, however, may a neply be timely titled.  ## Examiner of time might be available under the positions of 37 CFR 1.136(a). In one went, however, may a neply be timely titled.  ## If the period for reply is pained device be the that the time of the supplication between ## Examiner of time in the considerate timely.  ## If the period for reply set profiled above, the maintrum stabutory period will apply and will eggins SM (8) MONTH's from the maintrum of the communication.  ## Failure to reply with the edit or existed period for mally by adulation, agains SM (8) MONTH's from the maintrum of the communication.  ## Failure to reply with the edit or existed period for mally by adulation, agains SM (8) MONTH's from the maintrum of the communication.  ## Failure to reply with the edit or existed period for mally by adulation temple state of this communication, went it enterly flact, easy reduce way as a state of the communication.  ## Pailure to reply with the edit or existed period for mally and the temple of this communication, went it enterly flact, easy reduce way as a state of this communication.  ## Responsive to communication(s) filed on 28 June 2000.  ## Responsive to communication(s) flad on 28 June 2000.  ## Pailure to reply is period to the mailure and the period of the communication.  ## A Claim(s) 1-24 Isolation is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Exp parte Quay/e, 1935 C.D. 11, 453 O.G. 213.  ## Disposition of Claims  ## A Claim(s) 1-24 Isolate pending in the application  ## A Claim(s) 1-24 Isolate pending in the application  ## A Cla		Application No.	Applicant(s)					
Michael R Vaughan   2131	Office Action Summan:	09/605,602	PARTHASARATHY ET AL.					
The MALING DATE of this communication appears on the cover she it with the correspondenc address Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  1. Extension of time may be available under the provision of 3° CPR 1.35(d), in no event, however, may a reply be timely filed  2. Extension of time may be available under the provision of 3° CPR 1.35(d), in no event, however, may a reply be timely filed  3. If the period for reply specified above is less than thity (30) days, a reply which the statutory minimum of thinty (30) days will be considered timely.  3. If the period for reply specified above is less than thity (30) days, a reply which the statutory minimum of thinty (30) days will be considered timely.  4. If the period for reply specified above is less than thity (30) days, a reply which the statutory minimum of the maining date of his communication.  5. If the period for reply specified above is less than this (30) days and less considered timely.  5. If the period for reply specified above is less with the maining date of his communication.  5. If the period for reply specified above is less with the maining date of his communication.  5. If the period for reply specified above is less with the maining date of his communication.  5. If the period for reply specified the period for reply will, by adulting the reply and the reply and the reply and the reply adulting the reply and the	Office Action Summary	Examiner	Art Unit					
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2a)  This action is FINAL. 2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s)	THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply if NO period for reply is specified above, the maximum statutory period was realiure to reply within the set or extended period for reply will, by statute, any reply received by the Office later than three months after the mailing	36(a). In no event, however, may a reply be ting within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	nely filed  /s will be considered timely. In the mailing date of this communication. ID (35 U.S.C. § 133).					
3   Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4   Claim(s)24 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5   Claim(s) is/are allowed. 6   Claim(s) is/are eljected. 7   Claim(s) are subject to restriction and/or election requirement.  Application Papers  9   The specification is objected to by the Examiner. 10   The drawing(s) filed on 22 June 2000 is/are: a)   accepted or b)   objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11   The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. §§ 119 and 120  12   Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a)   MI   b)   Some *c   None of: 1   Certified copies of the priority documents have been received in Application No 3   Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  13   Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  Attachment(s)    Molice of References Cited (PTO-892)   Objected to the priority or of the priority under 35 U.S.C. § 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.	1) Responsive to communication(s) filed on 28 Ju	<u>ıne 2000</u> .						
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Solid Claim(s) 1-24 is/are rejected.  7) □ Claim(s) 9 is/are objected to.  8) □ Claim(s)  are subject to restriction and/or election requirement.  Application Papers  9) □ The specification is objected to by the Examiner.  10) □ The drawing(s) filed on 22 June 2000 is/are: a) □ accepted or b) □ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheel(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. §§ 119 and 120  12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) □ All b) □ Some * c) □ None of:  1. □ Certified copies of the priority documents have been received.  2. □ Certified copies of the priority documents have been received in Application No.  3. □ Copies of the certified copies of the priority documents have been received.  13) □ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  a) □ The translation of the foreign language provisional application has been received.  14) □ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  Attachment(s)  1) □ Notice of References Cited (PTO-892)  2) □ Notice of Informal Patent Application (PTO-152)	4a) Of the above claim(s) is/are withdrawn from consideration.							
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9) ☐ The specification is objected to by the Examiner.  10) ☑ The drawing(s) filed on 22 June 2000 is/are: a) ☑ accepted or b) ☐ objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. §§ 119 and 120  12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) ☐ All b) ☐ Some * c) ☐ None of:  1. ☐ Certified copies of the priority documents have been received.  2. ☐ Certified copies of the priority documents have been received in Application No  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet.  37 CFR 1.78.  a) ☐ The translation of the foreign language provisional application has been received.  14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  Attachment(s)  1) ☑ Notice of References Cited (PTO-892)  2) ☐ Notice of Informal Patent Application (PTO-152)	8) Claim(s) are subject to restriction and/o	r election requirement.						
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### **DETAILED ACTION**

1. Claims 1-24 have been examined and are pending.

#### Information Disclosure Statement

2. An initialed and dated copy of Applicant's IDS form 1449, Paper No. 2-3 is attached to the instant Office action.

## Claim Objections

3. Claim 9 is objected to because of the following informalities: the ";" should be changed to a --:--. Appropriate correction is required.

# Claim Rejections - 35 USC ' 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

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the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.
- 4. Claims 1-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Renaud (USP 6,021,491).

As per claims 1, 12, 16, and 19, Renaud teaches:

providing a key pair having a public key and a private key (column 3, line 40);

providing the assembly with a manifest that contains the public key (column 3,

lines 25-30);

hashing the assembly (column 3, line 27);

encrypting the hash of the assembly with the private key (column 3, lines 35-40);

and

relating the encrypted hash to the assembly (column 3, lines 25-42).

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As per claims 2, 13, and 20, Renaud teaches the step of providing a referencing assembly that references the assembly with a manifest that contains a token of the public key (column 3, lines 33-43).

As per claims 3, 14, 18, 21, and 22, Renaud teaches determining if the contents of the assembly has been modified by decoding the encrypted hash value with the public key, determining an actual hash of the contents of the assembly and comparing the decoded encrypted hash with the actual hash (column 4, lines 1-18).

As per claim 4, Renaud teaches the step of determining if the publisher of the assembly is the owner of the private key (column 4, lines 11-17).

As per claims 5, 15, and 23, Renaud teaches the step of determining if the publisher of the assembly is the original owner of the key pair comprising the step of comparing the token of the public key in the referencing assembly with the public key stored in the manifest of the assembly (column 3, lines 42-49 and column 4, lines 11-17 and column 7, lines 44-45).

As per claim 6, Renaud teaches determining if the contents of the assembly has been modified by decoding the encrypted hash value with the public key, determining an actual hash of the contents of the assembly and comparing the decoded encrypted hash with the actual hash (column 4, lines 1-18).

As per claim 7, Renaud teaches the step of determining if the publisher of the

assembly is the original owner of the key pair (column 4, lines 11-17).

As per claim 8, Renaud teaches the step of determining if the publisher of the

assembly is the original owner of the key pair comprising the step of storing the public

key in a storage medium and comparing the public key in the storage medium with the

public key in the manifest (column 3, lines 42-49 and column 4, lines 11-17 and column

7, lines 44-45).

As per claim 9, Renaud teaches an assembly including a manifest that contains

a public key and a hash of the contents of the assembly encrypted by a private key, the

private key and the public key forming a key pair, the encrypted hash being referenced

to the assembly (column 3, lines 30-49).

As per claim 10, Renaud teaches a referencing assembly that references the

assembly, the referencing assembly including a manifest that contains a token of the

public key of the assembly (column 3, lines 33-43).

As per claims 11 and 24, Renaud teaches the assembly being a dynamically

linked library (column 3, line 33).

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As per claim 17, Renaud teaches a binding component adapted to provide binding policy information for determining a version of an assembly that an application program will run if another assembly having the same name resides on the system (column 3, line 42).

### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael R Vaughan whose telephone number is 703-305-0354. The examiner can normally be reached on M-F 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 703-305-9648. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

MV Michael R Vaughan Examiner Art Unit 2131